

file name:94100247

sized:11/21/1994

meter identification: 94100247 tag:  
 application customer: ARGONNE LABS  
 V-Cone model number: V000A-1k

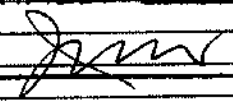
fluid: Water/water

comments: \_\_\_\_\_

fluid boiling point: 671.800 R

Operating Conditions:

temperature: 75.000 F  
 pressure: 150.000 psig  
 fluid mass: 62.098#/ft3  
 viscosity: 0.834 cP  
 Z-factor: 0.003

CERTIFIED:  


Meter Specifications:

inside diameter: 0.438in  
 cone diameter: 0.299in  
 beta ratio: 0.7307  
 Fa: 1.0001

turndown: 10.0to1 Cf: 0.7790  
 - Cf is linear to flowrate -

FLOWRATE ( GPM )	DIFF-PRESS ( inWC )	VELOCITY ( f/s )	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0002	55.589	8.52	34394.	0.77900
3.4512	41.379	7.35	29675.	0.77900
3.1964	35.494	6.80	27483.	0.77900
2.9861	30.977	6.36	25675.	0.77900
2.7966	27.170	5.95	24046.	0.77900
2.6183	23.816	5.57	22512.	0.77900
2.4459	20.783	5.21	21030.	0.77900
2.2759	17.994	4.85	19569.	0.77900
2.1053	15.398	4.48	18102.	0.77900
1.9315	12.960	4.11	16607.	0.77900
1.7513	10.655	3.73	15058.	0.77900
1.5606	8.4614	3.32	13419.	0.77900
1.3537	6.3658	2.88	11639.	0.77900
1.1198	4.3559	2.38	9627.9	0.77900
0.83495	2.4219	1.78	7179.1	0.77900
0.40000	0.55584	0.852	3439.3	0.77900

sized by: Carlye Parker, 11/21/94 approval: \_\_\_\_\_